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IOWA AGRICULTURAL STATISTICS

APPANOOSE COUNTY

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County Statistical Bulletin

No. 81

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Office of the Agricultural Statistician  
305 United States Court House  
Des Moines, Iowa

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IOWA CROP AND LIVESTOCK REPORTING SERVICE  
Division of Agricultural Statistics  
Leslie M. Carl, Director

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## AGRICULTURAL STATISTICS - APPANOOSE COUNTY

County Statistical Bulletin No. 81

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## FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 26 and 28.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director  
Division of Agricultural Statistics

Des Moines, Iowa  
November, 1940



## IOWA AGRICULTURAL STATISTICS - APPANOOSE COUNTY

Appanoose County, originally a part of the old Demoin County, was established in 1843. However, it was temporarily attached to Van Buren County, and, in 1844, to Davis County. It became fully organized in 1846, and was named for a noted chief of the Sac and Fox Indians. 1/

The first settler on record to locate in the county was Ewing Kirby, who came from Missouri in 1838 and established a home near the present site of Cincinnati. Others soon followed and there were about 1,300 inhabitants in the county in 1846. 2/

The county-seat was originally named Chaldea, but later its citizens proposed to change it to Senterville in honor of Governor Senter of Tennessee. The committee in the State Legislature agreed to the change, but thinking the citizens had spelled the name incorrectly, the Legislature named the town Centerville instead of Senterville. 3/

This county is very rich in Mormon history. Two distinct movements crossed the county. The first was the Mormon trek from Missouri after their expulsion from that State in 1839. They entered the county in the southwest corner and traveled northeast on their way to Nauvoo, Illinois. The second was when they fled from Nauvoo in 1846 and were going westward; this time they passed through the northern part of the county. 4/

The North Missouri Railroad was built through the county in 1869. Moulton was one of the first towns to be built on the line. 5/

## Area

Appanoose County is 21 $\frac{1}{2}$  by 24 miles in extent and contains 513 square miles 6/, or 328,320 acres. Of this number, 319,861 are listed as farm land. 7/ There are 17 townships of variable size in the county, and it ranks forty-seventh in point of size in the State.

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1/ Que, B. F., History of Iowa. Vol. III, p.302. The Century History Co., New York City, 1903.

2/ Taylor, L. L., Past and Present of Appanoose County, Iowa. Vol. I. pp. 155-156. S. J. Clarke Publishing Co., Chicago, Illinois. 1913.

3/ Ibid. pp. 86-87.

4/ Ibid. p. 156.

5/ Ibid. p. 260.

6/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. I. pp. 362-363.

7/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 10.





## Soils

The soils of Appanoose County are grouped into 5 classes according to their origin and location; namely, drift, loess, terrace, swamp and bottom-land, and residual. The drift soils cover 50.9 percent of the area and are divided into Shelby loam--40.1 percent, and Lindley loam--10.8 percent. The loess soils cover 35.7 percent of the surface and are divided into Grundy loams--25.9 percent, Putnam silt loam--7.3 percent, Marion silt loam--1.5 percent, Edina silt loam--0.4 percent, and Clinton silt loam--0.6 percent. The terrace soils cover 1.1 percent of the area and are divided into Calhoun silt loam--0.6 percent, Bremer silt loam--0.3 percent, and Waukesha loam--0.2 percent. The swamp and bottom-land soils cover 12.2 percent of the total surface and all soil types are in the Wabash loam series. The residual soil covers 0.1 percent of the surface and has but one type, the Crawford loam. 8/

## Topography

In general, the topographic condition of the county varies from gently undulating areas in the interstream uplands to the rough, broken areas occurring in the immediate vicinity of the larger streams.

The drainage is effected mainly, by the Chariton River and its tributaries. These drain into the Missouri River system. Soap Creek and North Soap Creek, which drain the northeastern part of the county, and Fox River, which drains the east central part of the county, belong to the Mississippi River system. The divide which separates the drainage into the two river systems extends across the northwestern part of the county from Moravia to Moulton. 9/

## Climate

The average temperature for 10 years (1930-1939 inclusive) was 50.3 degrees. 10/ The average precipitation for 51 years (1879-1930) was 34.27 inches, and the growing season averaged 166 days between the killing frost dates of April 23 and October 6 recorded from 1903 to 1930. 11/

## Population

The population of this county grew very rapidly during its early years. Literally thousands of immigrants settled here for a time before going on, either into less populated areas of the State or further west.

It has a density of 48 persons per square mile, as compared with the State density of 44.

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8/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Appanoose County. Soil Survey Report No. 53: 12. 1928.

9/ Ibid. pp. 9-10.

10/ Reed, Charles D., Sr. Meteorologist, United States Weather Bureau. Des Moines, Iowa. Unpublished data.

11/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 51--central Iowa. pp. 11,19. 1933.





The following table shows the number of inhabitants recorded at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1850	3,131	-	-
1860	11,931	-	-
1870	16,456	-	-
1880	16,636	-	-
1890	18,961	-	-
1900	25,927	11,397	14,530
1910	28,701	14,982	13,719
1920	30,535 <u>12/</u>	18,283 <u>13/</u>	12,252
1930	24,835 <u>14/</u>	15,753	9,082
1935	-	-	9,694 <u>15/</u>

In 1930, the foreign born and native white inhabitants of foreign born or mixed parentage totaled 4,814, or 19.3 percent of the total population. Of this number, those of Yugoslavian descent led with 1,107, the English came next with 857, and the Italians had 848. Other nationalities had much smaller representations. 16/

#### Cooperatives

In 1937, there were 5 cooperative institutions in operation in this county--3 livestock enterprises, 1 petroleum plant and 1 merchandise establishment.

As a whole, they had 1,413 members, of which 700 were active, and 1,800 persons did business with the 5 concerns. The selling cooperatives had a business volume of \$29,600 and the purchasing cooperatives transacted \$113,603 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 17/

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12/ Census of Iowa. 1925. pp. 708-709.

13/ Ibid. pp. 925 et seq.

14/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.

15/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 10.

16/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

17/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.



## Fruit

There were 107,413 apple trees in 1884 and 159,896 bushels of apples reported in 1909. These were the years of greatest numbers and greatest production, respectively. The 1934 report listed 19,213 trees and 2,660 bushels. In 1874, 4,619 peach trees yielded a peak production of 1,203 bushels. In 1909, 48,288 peach trees, the largest number on record, produced only 205 bushels. In 1909, the record year for plum production, 19,626 trees bore 3,969 bushels. The greatest number of cherry trees, 15,975, was recorded in 1874, but the largest production, 6,628 bushels, was reported in 1909. The record number of vines and the largest production of grapes were listed respectively, in these same years. There were 24,485 vines and 179,085 pounds reported for those years, 18/

## Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

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- 18/ Sources: 1. Census of Iowa. 1875, 1885, 1895.  
2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.  
3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.





TABLE 1  
LAND UTILIZATION AND YIELDS, 1929-1938  
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2156	315396	146	49163	26	22035	22	2173	12	1077	12
1930	2232	312958	140	50688	21	24564	26	2769	16	667	16
1931	2298	313399	136	52168	29	24228	26	2996	16	673	20
1932	2318	313396	135	50200	33	24644	28	1871	10	636	14
1933	2390	313813	131	48340	24	19864	13	1723	8	20	1
1934	2320	314016	135	36358	4	1921	5	648	12	-	-
1935	2287	311694	136	28223	26	7160	25	1573	12	7	7
1936	2295	314200	137	34994	5	17991	19	2226	12	38	10
1937	2206	313456	142	36723	37	19545	40	6352	14	70	30
1938	2130	312048	147	35974	35	23515	38	2589	15	222	20
10 Yr. Ave.	2263	313438	138	42283	24	18547	26	2492	13	341	16

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	333	9	1629	10	5808	1767	15	1044	52025
1930	289	9	3465	10	8645	553	3	1181	41794
1931	283	10	1510	13	14657	428	27	1039	36692
1932	142	7	1180	15	9152	841	6	896	42876
1933	123	7	3260	14	9487	2583	4	1178	51914
1934	94	8	5299	7	6796	899	20	1586	55591
1935	582	11	2478	13	27464	316	-	2003	41526
1936	559	8	794	8	16583	162	-	2570	46941
1937	1914	16	722	14	19652	30	-	2791	34807
1938	914	12	1610	17	16355	918	125	3806	34177
10 Yr. Ave.	523	12	2194	11	13460	850	20	1809	43834

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	391	157587	263	11434	1852	6595	3016
1930	646	157997	366	11814	2744	3268	3241
1931	461	154073	440	11721	3393	6749	3328
1932	811	154258	468	12875	3141	7299	3837
1933	761	150049	405	12229	2828	7187	5619
1934	1201	164026	832	11754	3641	6802	19033
1935	861	159829	1011	11608	2517	6868	19987
1936	1473	162110	347	12433	3221	4848	9642
1937	833	165366	1059	11309	1798	5265	8041
1938	442	165599	833	13210	2821	5125	8537
10 Yr. Ave.	788	159089	602	12039	2796	6001	8428

10 Year Average Acres: Spring Wheat 32; Flaxseed 46; Popcorn 3. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

\* Included in "All Tame Hay."

TABLE 2  
ACREAGE AND YIELDS OF HAY  
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	25,829	1.74	1,044	2.58	391	1.57	52,025	1.56
1930	19,125	1.07	1,181	2.72	646	1.33	41,794	1.06
1931	11,811	1.08	1,039	2.28	461	1.05	36,692	.99
1932	16,844	1.00	896	2.50	811	1.22	42,876	.99
1933	41,833	.73	1,178	2.32	761	.92	51,914	.81
1934	39,057	.47	1,586	1.00	1,201	.78	55,591	.54
1935	26,070	1.20	2,003	1.98	861	1.25	41,526	1.21
1936	32,295	.75	2,570	1.30	1,473	1.10	46,941	.75
1937	23,306	1.20	2,791	2.30	833	1.60	34,807	1.26
1938	23,938	1.20	3,806	2.40	442	1.75	34,177	1.32
10 Yr. Ave.	26,011	.98	1,809	2.08	788	1.19	43,834	1.03

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 3  
LAND UTILIZATION AND YIELDS

9

Bellair Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	124	14342	116	2479	21	1209	22	20	10	5	20
1930	137	14223	104	2392	20	1031	26	100	14	-	-
1931	186	14529	78	2410	25	1018	27	28	19	10	20
1932	171	14021	82	2169	32	1054	33	10	8	-	-
1933	190	14363	76	1940	24	840	14	42	5	-	-
1934	178	13947	78	1556	10	-	-	-	-	-	-
1935	192	14527	75	1142	20	239	28	-	-	-	-
1936	182	14133	79	710	-	715	20	63	11	-	-
1937	172	14405	84	1355	31	306	43	262	13	9	27
1938	175	13959	80	1408	34	991	40	33	11	42	22
10 Yr. Ave.	171	14255	84	1756	25	790	28	56	13	7	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & White Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	-	2711
1930	33	9	134	8	331	-	-	27	2367
1931	8	15	-	-	326	-	-	13	2265
1932	-	-	15	9	635	-	-	28	2177
1933	-	-	38	14	701	45	-	48	2898
1934	-	-	227	6	571	10	-	89	2341
1935	10	10	116	17	1558	27	-	43	2210
1936	10	8	-	-	395	-	-	39	1942
1937	24	22	31	12	1024	-	-	65	2102
1938	10	12	129	18	607	14	-	197	2081
10 Yr. Ave.	10	13	69	11	715	10	-	55	2309

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	7287	-	561	-	70	-
1930	-	6502	10	819	-	16	488
1931	-	7105	-	655	-	140	64
1932	-	7200	-	735	-	5	21
1933	-	7015	-	826	13	8	42
1934	-	7921	5	725	-	110	491
1935	-	7577	29	866	-	83	497
1936	-	8773	19	344	-	-	962
1937	-	7916	-	555	10	116	192
1938	-	7428	3	773	65	-	392
10 Yr. Ave.	-	7472	7	686	9	55	315

10 Yr. Ave. Acres - Spring Wheat .7      \*Included in "All Tame Hay."

Popcorn 0      Flaxseed 2      Source:

(Acreages also shown in "All Other Crops.") Iowa Department of Agriculture  
Division of Agricultural Statistics.



TABLE 4  
LAND UTILIZATION AND YIELDS

Caldwell Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	174	23372	134	2611	28	1115	19	35	10	305	8
1930	170	23274	137	3172	15	1480	22	84	14	70	20
1931	169	23229	137	2897	26	1130	25	52	10	20	30
1932	162	22901	141	2785	29	1277	24	15	19	35	20
1933	161	22903	142	2721	24	1206	10	11	15	-	-
1934	170	22968	135	2114	21	40	2	17	6	-	-
1935	175	23240	133	1888	28	406	26	27	14	-	-
1936	169	23219	137	2476	13	1180	12	192	21	38	10
1937	163	23154	142	2406	37	1029	36	350	11	55	30
1938	137	23277	170	2028	35	934	30	145	8	99	22
10 Yr. Ave.	165	23154	140	2510	27	980	22	93	13	62	15

Year	RYE		SOYBEANS		GRASS SEED			TIMOTHY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	13	9	70	13	117	251	-	52	4246
1930	13	7	98	9	22	-	-	73	3522
1931	21	7	63	12	133	6	-	41	3655
1932	34	5	63	12	69	-	-	25	3429
1933	21	3	35	14	3	8	-	72	4900
1934	-	-	109	21	-	-	-	110	3777
1935	35	6	106	14	313	-	-	111	4328
1936	54	5	42	10	-	-	-	240	4061
1937	341	16	-	-	88	-	-	424	4988
1938	136	9	38	7	63	32	-	460	4955
10 Yr. Ave.	67	12	63	13	87	30	-	161	4186

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Food Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	12	11448	59	858	493	621	1359
1930	75	11947	15	310	455	670	841
1931	60	12082	74	312	540	343	1292
1932	20	10633	189	937	507	306	2097
1933	-	10553	132	921	368	1242	790
1934	40	12135	201	926	383	1199	2027
1935	60	12073	158	832	372	530	2107
1936	33	13404	32	1105	499	77	21
1937	23	12273	5	546	513	512	20
1938	-	12662	10	1100	558	524	25
10 Yr. Ave.	33	11921	38	885	469	652	1058

10 Yr. Ave. Acres - Spring Wheat 0

\*Included in "All Tame Hay."

Popcorn 0 Flaxseed 0

Source:

(Acreages also shown in "All Other Crops")

Iowa Department of Agriculture

Division of Agricultural Statistics.



TABLE 5  
LAND UTILIZATION AND YIELDS

11

Chariton Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	85	13363	157	2036	30	803	25	127	14	16	12
1930	78	14138	181	2403	23	1223	28	132	16	-	-
1931	70	14419	206	2499	29	1282	28	155	17	3	10
1932	88	13990	159	2062	34	1119	28	107	13	-	-
1933	87	14334	165	1946	27	1032	13	156	9	-	-
1934	87	14305	164	1507	10	243	4	59	9	-	-
1935	89	14362	161	1235	31	304	22	160	10	-	-
1936	88	14665	167	1636	9	769	22	130	14	-	-
1937	94	14711	156	1805	43	1010	44	371	13	-	-
1938	94	14724	157	1833	42	1214	38	262	10	-	-
10 Yr. Ave.	86	14301	166	1896	30	900	28	166	12	2	11

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	56	9	183	156	-	24	2157
1930	-	-	31	7	295	196	-	36	1968
1931	-	-	10	22	713	59	-	33	1265
1932	-	-	183	10	211	-	-	36	1864
1933	-	-	103	15	206	302	4	18	2241
1934	-	-	153	5	145	94	3	40	2661
1935	8	8	70	9	926	13	-	44	1872
1936	9	11	-	-	701	4	-	24	1776
1937	37	17	8	11	605	-	-	55	1357
1938	31	16	36	21	505	77	4	97	1275
10 Yr. Ave.	8	15	65	10	449	90	1	41	1844

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	58	6381	21	404	155	784	182
1930	88	6524	7	412	527	329	199
1931	116	7106	20	532	-	613	105
1932	152	6829	-	522	284	647	10
1933	100	7010	8	527	300	633	68
1934	280	7012	22	523	441	519	737
1935	252	6654	46	465	500	624	1246
1936	383	7062	4	439	592	571	593
1937	230	6984	1	466	507	556	774
1938	72	7365	-	508	422	557	640
10 Yr. Ave.	173	6893	13	480	373	583	455

10 Yr. Ave. Acres - Spring Wheat 2

Popcorn .1 Flaxseed 6

(Acreage also shown in "All Other Crops")

\* Included in "All Tame Hay".

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 6  
LAND UTILIZATION AND YIELDS

Douglas Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	85	13242	156	1920	26	938	21	144	9	22	20
1930	90	13267	147	2052	21	884	24	79	10	-	-
1931	86	13344	155	2343	29	1038	23	124	14	-	-
1932	88	13226	150	2026	30	972	25	161	8	-	-
1933	84	13493	161	2081	26	853	14	87	3	-	-
1934	89	12725	143	1318	9	106	4	-	-	-	-
1935	88	13789	157	1282	27	238	22	104	11	-	-
1936	94	13740	146	1492	8	642	15	145	9	-	-
1937	85	13859	163	1475	37	930	35	364	14	-	-
1938	80	13309	166	1474	34	1032	32	135	12	-	-
10 Yr. Ave.	87	13399	154	1746	28	763	24	134	11	2	20

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	25	7	179	275	-	23	2121
1930	9	14	45	8	461	49	-	39	1674
1931	11	17	17	10	738	30	-	43	1286
1932	6	7	13	14	505	151	-	45	1581
1933	14	4	70	13	314	250	-	41	2174
1934	-	-	165	7	291	149	-	30	2174
1935	44	10	71	8	1065	20	-	80	1922
1936	-	-	-	-	431	5	-	168	2584
1937	73	15	16	9	493	-	-	152	1339
1938	35	10	9	14	436	87	18	253	1515
10 Yr. Ave.	19	12	43	9	491	102	2	87	1837

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	47	6501	35	544	-	724	42
1930	46	6691	52	546	-	380	348
1931	25	6053	55	635	-	819	200
1932	16	6497	3	667	-	688	91
1933	54	6392	19	627	-	645	163
1934	92	6889	7	545	75	560	503
1935	16	6753	39	573	195	704	783
1936	49	7030	15	567	-	391	394
1937	75	7263	92	477	136	487	639
1938	8	7324	2	519	-	636	164
10 Yr. Ave.	43	6739	32	570	41	604	333

10 Year Average Acres: Spring Wheat 7 ; Flaxseed 0 ; Popcorn 0 . (Acreages also Shown In "All Other Crops")

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

\*Included in "All Tame Hay."

TABLE 7  
LAND UTILIZATION AND YIELDS

13

Franklin Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	125	21662	173	4127	22	2164	20	153	10	87	10
1930	117	21141	181	4039	16	2283	23	157	14	57	15
1931	119	21068	177	4361	26	2155	25	84	15	81	16
1932	129	21140	164	4193	31	2330	28	18	3	60	12
1933	131	21167	162	3996	22	1999	9	10	5	-	-
1934	119	21154	178	2836	3	81	6	-	-	-	-
1935	107	21122	197	1904	19	1105	22	25	8	-	-
1936	112	21181	189	2963	4	1719	15	39	7	-	-
1937	99	21101	213	2816	33	1772	40	117	11	-	-
1938	97	20776	214	2501	33	2139	37	20	4	22	7
10 Yr. Ave.	116	21151	183	3374	25	1775	24	62	11	31	13
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	27	6	39	9	255	42	-	239	3922		
1930	70	8	323	5	712	5	-	70	2976		
1931	44	7	30	11	1408	40	-	57	2113		
1932	-	-	34	11	1365	-	-	9	2428		
1933	-	-	241	10	967	153	-	9	3407		
1934	-	-	681	5	842	70	-	10	3698		
1935	17	8	203	9	2915	20	-	39	2361		
1936	24	5	40	3	1688	-	-	74	3147		
1937	54	18	42	12	2370	-	-	67	2234		
1938	-	-	119	13	1640	63	-	78	2554		
10 Yr. Ave.	24	10	175	7	1416	39	-	65	2884		
Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	-	10005	5	748	10	120	-				
1930	-	9487	-	996	11	30	-				
1931	-	9459	-	973	150	210	-				
1932	-	9451	1	922	45	223	70				
1933	-	9098	-	913	15	220	301				
1934	6	9141	33	855	271	341	2369				
1935	-	8971	22	914	107	395	2183				
1936	-	9054	-	946	143	512	906				
1937	-	9049	115	896	35	400	1201				
1938	-	8795	42	920	100	124	1800				
10 Yr. Ave.	.6	9251	22	908	89	258	883				

10 Yr. Ave. - Spring Wheat 0

Popcorn .2 Flaxseed .2

(Acreages also shown in "All Other Crops")

\* Included in "All Tame Hay".

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.



TABLE 8  
LAND UTILIZATION AND YIELDS

Independence Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	100	21950	220	3736	23	1479	21	148	13	104	10
1930	107	21004	196	3608	29	1933	29	181	14	132	11
1931	102	22500	221	4168	28	1993	27	287	15	81	19
1932	108	21998	204	3526	33	2043	27	169	10	169	15
1933	105	22311	212	3562	24	1617	13	196	5	20	.8
1934	101	22037	218	2630	8	168	5	20	17	-	-
1935	110	21555	196	2088	28	438	26	55	11	-	-
1936	110	21392	194	2607	9	1494	22	68	12	-	-
1937	106	21576	204	2714	38	1791	40	413	12	-	-
1938	98	21298	217	2731	37	1911	36	113	15	22	19
10 Yr. Ave.	105	21762	208	3157	29	1487	27	165	12	53	13

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	24	13	60	10	320	51	-	36	3313
1930	23	10	252	11	738	-	-	46	2636
1931	25	10	292	11	1446	20	-	46	1539
1932	17	3	91	12	1171	142	-	68	2746
1933	-	-	234	15	1296	284	-	155	3094
1934	20	10	425	6	749	96	-	162	3344
1935	48	13	59	12	2784	12	-	159	1655
1936	20	13	75	4	1805	-	-	174	2312
1937	123	21	55	12	1894	-	-	107	1369
1938	105	9	159	18	1354	95	14	82	1519
10 Yr. Ave.	40	14	170	11	1356	70	1	104	2353

Year	Wild Hay acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	45	11908	3	810	-	-	-
1930	-	10881	-	620	-	-	-
1931	-	12062	-	607	-	-	-
1932	13	10364	-	618	93	890	88
1933	10	10682	4	560	55	866	115
1934	70	12072	26	572	16	412	1513
1935	-	11369	55	508	-	607	1889
1936	75	11525	19	561	-	374	257
1937	10	12206	16	418	-	346	221
1938	8	12442	81	395	167	171	106
10 Yr. Ave.	23	11551	20	567	33	367	419

10 Yr. Ave. Acres-Spring Wheat 0

\*Included in "All Tame Hay".

Popcorn 0 Flaxseed .5

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 9  
LAND UTILIZATION AND YIELDS

Johns Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	137	21311	156	4603	26	2060	23	175	12	72	12
1930	150	21856	146	4858	21	2149	27	196	18	60	18
1931	144	21151	147	4747	31	2482	30	241	18	104	28
1932	143	21394	150	4689	36	2168	31	131	10	244	16
1933	150	20953	140	4209	25	1993	16	73	7	-	-
1934	150	21704	145	2962	9	359	3	9	6	-	-
1935	132	22310	169	2545	27	897	24	139	10	-	-
1936	111	22234	200	2198	2	1976	19	215	8	-	-
1937	121	22282	184	3076	34	1784	40	841	16	6	30
1938	133	22383	168	3204	33	2056	40	357	15	31	13
10 Yr. Ave.	137	21758	159	3709	28	1792	27	238	14	52	18
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	16	4	356	10	1067	8	-	61	3577		
1930	-	-	695	10	1523	2	-	20	2681		
1931	6	15	261	14	1804	-	24	36	1878		
1932	4	20	220	18	1597	22	-	28	2335		
1933	-	-	617	17	1979	138	-	41	2539		
1934	19	7	847	10	1248	1	-	64	4024		
1935	20	5	584	16	3821	-	-	126	2507		
1936	43	8	170	9	3041	-	-	99	2601		
1937	117	20	230	16	3533	-	-	91	1484		
1938	68	9	314	21	3114	40	27	265	1723		
10 Yr. Ave.	29	12	429	14	2273	21	5	83	2535		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	-	8196	-	776	141	113	159				
1930	-	8631	9	849	5	28	172				
1931	-	8591	-	766	95	60	92				
1932	-	8848	-	875	90	60	133				
1933	-	8205	2	821	14	48	453				
1934	2	9663	60	715	72	282	1442				
1935	-	9824	74	560	50	308	981				
1936	-	9795	4	678	67	184	1262				
1937	-	9628	121	670	97	307	388				
1938	-	9178	52	937	150	389	783				
10 Yr. Ave.	.2	9056	32	765	78	178	586				

10 Yr. Ave. Acres - Spring Wheat .9

\*Included in "All Tame Hay."

Popcorn 0 Flaxseed 7

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 10  
LAND UTILIZATION AND YIELDS

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	90	14469	161	2491	22	1178	23	105	11	25	15
1930	105	14048	134	2410	21	1448	26	115	18	37	24
1931	95	13602	143	2531	31	1400	29	80	22	35	22
1932	102	14614	143	2605	34	1470	31	90	10	20	12
1933	108	14638	136	2722	23	1114	14	54	13	-	-
1934	106	14827	140	1952	7	21	3	50	10	-	-
1935	107	15106	141	1762	21	510	27	78	15	-	-
1936	103	14809	144	2088	-	856	15	174	9	-	-
1937	105	14650	140	1755	33	1022	46	318	14	-	-
1938	94	14718	157	1840	32	1333	42	26	19	-	-
10 Yr. Ave.	102	14548	143	2216	27	1035	28	109	13	12	20
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	5	7	125	9	404	-	-	-	2506		
1930	5	10	30	13	871	-	-	30	2005		
1931	-	-	-	-	755	-	-	35	1902		
1932	-	-	-	-	780	-	-	15	2190		
1933	-	-	86	5	869	-	-	33	2566		
1934	-	-	271	3	691	-	-	43	3142		
1935	9	9	91	8	2632	15	-	35	1446		
1936	13	2	-	-	1254	-	-	89	2694		
1937	43	14	24	13	2057	-	-	80	1911		
1938	20	15	36	19	1624	10	4	99	1477		
10 Yr. Ave.	10	12	66	7	1194	2	.4	46	2184		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	-	6998	-	632	-	-	-				
1930	-	6379	-	708	-	-	40				
1931	-	6230	-	614	15	-	40				
1932	-	6617	-	702	-	60	80				
1933	-	6256	12	638	-	-	321				
1934	-	7000	25	615	-	40	1020				
1935	-	7307	13	609	-	-	649				
1936	-	6562	8	692	-	15	453				
1937	-	6702	4	673	-	24	117				
1938	-	7241	-	734	-	-	383				
10 Yr. Ave.	-	6729	6	662	2	14	310				

10 Yr. Ave. Acres - Spring Wheat 2

\* Included in "All Tame Hay".

Popcorn 0 Flaxseed 4

Source: Iowa Department of Agriculture.

(Acreages also shown in "all Other Crops")

Division of Agricultural Statistics.



TABLE 11  
LAND UTILIZATION AND YIELDS

17

Pleasant Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	185	23367	126	2969	23	1445	21	-	-	48	13
1930	183	23060	126	2578	17	1291	22	15	18	39	17
1931	171	22509	132	2899	24	1098	22	34	13	24	21
1932	155	21844	141	2906	30	1314	28	14	9	-	-
1933	160	21756	136	2612	20	678	10	17	2	-	-
1934	170	22023	130	2514	14	3	8	-	-	-	-
1935	166	21765	131	1517	25	401	25	-	-	-	-
1936	168	22091	132	933	8	628	17	15	5	-	-
1937	147	21786	148	1945	35	1063	37	62	9	-	-
1938	142	21717	153	1940	33	1255	38	57	4	-	-
10 Yr. Ave.	165	22192	135	2281	25	918	26	21	8	11	16

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	alfalfa Acres*	All Tame Hay Acres
1929	100	7	74	11	10	20	-	-	3892
1930	-	-	217	9	239	-	-	13	3009
1931	12	9	209	14	598	10	-	16	3252
1932	-	-	96	17	155	-	-	15	2734
1933	-	-	254	12	221	66	-	43	3841
1934	-	-	196	6	80	-	-	55	4085
1935	16	7	87	8	963	-	-	62	3817
1936	20	10	25	5	237	49	-	65	3738
1937	132	10	18	11	810	-	-	83	2690
1938	4	6	51	18	739	88	-	169	2897
10 Yr. Ave.	28	9	123	11	405	23	-	52	3396

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	14253	1	575	-	-	-
1930	-	14735	17	590	156	53	121
1931	3	11263	15	917	352	1540	292
1932	-	12657	-	891	414	592	71
1933	-	11642	13	919	348	603	608
1934	-	11632	3	971	195	785	1559
1935	3	10981	34	858	304	747	2037
1936	-	12876	14	892	131	757	1825
1937	-	12373	266	880	83	203	1261
1938	-	12530	140	890	30	220	964
10 Yr. Ave.	.6	12494	50	838	201	550	874

10 Yr. Ave. Acres - Spring Wheat--- 0

Popcorn 0 Flaxseed 1

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 12  
LAND UTILIZATION AND YIELDS

Sharon Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	84	15334	182	2282	25	680	180	42	14	12	8
1930	87	15324	176	2844	21	791	26	90	16	25	14
1931	86	15345	178	2655	28	754	21	110	14	12	12
1932	83	15258	184	2255	33	855	26	48	14	-	-
1933	90	15176	169	2575	25	684	13	50	12	--	-
1934	90	15435	172	1967	9	20	4	12	16	-	-
1935	86	14716	171	1183	24	191	23	13	18	-	-
1936	80	15162	190	2104	9	668	21	132	13	-	-
1937	85	14851	175	2101	40	755	35	236	17	-	-
1938	86	15130	176	2271	39	1158	36	157	15	-	-
10 Yr. Ave.	86	15173	177	2224	27	656	26	89	15	5	12

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	20	8	47	9	450	55	-	56	2374
1930	8	10	105	9	465	-	1	162	2083
1931	10	6	26	17	671	-	-	58	1680
1932	9	16	91	15	276	-	-	89	2448
1933	51	7	137	13	265	109	-	58	2384
1934	17	3	316	9	183	43	-	35	2458
1935	4	6	103	11	790	77	-	57	2071
1936	53	4	72	8	535	6	-	83	1830
1937	162	10	18	10	537	-	-	30	1728
1938	78	14	91	16	548	12	-	78	1549
10 Yr. Ave.	41	9	101	11	472	30	.1	71	2060

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crop Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	25	7623	21	664	207	378	509
1930	40	7618	19	711	104	233	187
1931	32	7465	16	589	282	519	524
1932	62	8008	34	629	71	273	199
1933	46	7477	34	660	88	410	315
1934	111	8100	75	571	58	411	1136
1935	32	7377	71	563	61	608	1649
1936	111	7759	80	613	77	599	529
1937	168	7279	107	582	34	616	528
1938	21	7486	2	627	291	642	159
10 Yr. Ave.	65	7619	51	621	127	469	574

10 Yr. Ave. Acres -Spring Wheat 2Popcorn .1 Flaxseed 0

(acres also shown in "All Other Crops")

\*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics



TABLE 13  
LAND UTILIZATION AND YIELDS

19

Taylor Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	79	17559	222	2912	29	1351	20	457	14	18	24
1930	105	17548	167	2764	23	1487	28	470	15	30	19
1931	109	17593	161	3262	31	1421	27	424	15	60	13
1932	102	17759	174	3077	36	1676	26	353	8	-	-
1933	108	17544	162	2850	28	1465	15	367	9	-	-
1934	91	17364	191	2321	10	507	5	165	13	-	-
1935	90	17845	198	1846	26	548	21	315	11	-	-
1936	98	17683	180	2390	8	979	18	355	12	-	-
1937	99	17619	178	2605	40	1097	43	993	15	-	-
1938	92	17762	193	2392	34	1424	36	734	14	-	-
10 Yr. Ave.	97	17628	181	2642	31	1196	25	463	13	11	17

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	161	9	249	288	-	75	2710
1930	22	6	207	12	245	175	2	115	1914
1931	26	12	112	12	626	126	-	113	1825
1932	8	5	104	12	293	229	6	60	1927
1933	-	-	237	21	267	387	-	66	2480
1934	-	-	376	10	99	247	-	75	3180
1935	8	10	199	13	1259	46	-	146	2583
1936	13	5	141	10	366	64	-	176	3075
1937	65	16	130	16	301	-	-	185	2083
1938	36	8	262	18	363	42	8	219	2094
10 Yr. Ave.	18	11	193	14	407	160	2	123	2387

  

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	-	8814	-	597	140	-	150
1930	4	9619	9	610	47	13	105
1931	-	9307	30	432	-	-	68
1932	-	9522	4	659	3	115	12
1933	-	9415	15	393	-	40	15
1934	-	10180	17	397	-	-	122
1935	-	9879	154	464	10	105	475
1936	80	8824	18	874	80	282	206
1937	-	9227	-	830	10	136	142
1938	75	9296	-	799	-	110	169
10 Yr. Ave.	16	9408	25	606	29	80	146

10 Yr. Ave. Acres - Spring Wheat 0  
 Popcorn 1 Flaxseed 19  
 (Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay."  
 Source: Iowa Department of Agriculture  
 Division of Agricultural Statistics.

TABLE 14  
LAND UTILIZATION AND YIELDS

Udell Township

Small Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	87	16085	185	2378	29	1269	22	107	14	53	15
1930	86	16463	191	2559	22	1264	28	69	14	11	20
1931	82	15786	192	2529	32	1284	26	178	16	24	22
1932	104	16317	157	2377	36	1301	29	170	11	26	14
1933	99	15805	160	2209	29	1193	17	162	8	-	-
1934	83	16309	190	1718	8	234	7	124	8	-	-
1935	89	15881	178	1454	31	500	28	239	13	-	-
1936	95	16441	173	1993	8	904	24	244	13	-	-
1937	83	16354	190	1970	41	1007	45	594	12	-	-
1938	87	16211	186	1901	34	1230	40	129	11	-	-
10 Yr. Ave.	90	16163	179	2159	30	1019	28	202	12	11	17
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres		
1929	22	14	85	8	938	255	15	115	1573		
1930	38	11	197	9	860	115	-	121	1260		
1931	22	16	168	15	945	49	-	140	1101		
1932	16	8	58	17	564	228	-	131	2029		
1933	-	-	304	10	775	481	-	92	2046		
1934	4	6	233	7	865	157	17	136	2610		
1935	149	14	119	13	2325	24	-	180	1371		
1936	63	8	30	6	1747	17	-	255	1940		
1937	124	18	31	16	1435	-	-	283	1315		
1938	84	11	81	13	1405	121	-	316	1455		
10 Yr. Ave.	52	13	131	11	1185	145	3	177	177		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	-	8152	5	709	110	539	85				
1930	-	9050	3	586	200	41	325				
1931	-	8268	27	598	407	235	-				
1932	-	8197	78	604	169	-	228				
1933	4	8050	63	555	90	23	326				
1934	-	8661	45	614	117	15	1052				
1935	2	8358	36	599	100	23	606				
1936	3	8099	26	580	539	-	273				
1937	-	8864	59	544	278	10	105				
1938	-	8895	61	504	235	-	231				
10 Yr. Ave.	.9	8459	41	569	224	94	323				

10 Yr. Ave. Acres - Spring Wheat 14

Popcorn .3 Flaxseed 0

(Acreages also shown in "All Other Crops.")

\*Included in "All Tame Hay."

Source:

Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 15  
LAND UTILIZATION AND YIELDS

Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	88	16388	186	1371	35	462	24	124	13	53	13
1930	95	16303	172	1687	24	499	27	150	19	31	20
1931	102	15811	155	1632	31	562	26	110	14	18	26
1932	110	16578	151	1744	32	754	28	67	11	3	7
1933	109	16561	152	1747	36	336	15	125	15	-	-
1934	104	16544	159	1097	13	37	13	125	19	-	-
1935	90	16500	183	1011	28	152	23	212	15	-	-
1936	92	16353	178	1264	15	314	23	120	17	-	-
1937	96	16471	172	1318	45	443	40	333	15	-	-
1938	87	16238	187	1191	43	606	38	100	18	6	40
10 Yr. Ave.	97	16375	168	1406	33	416	28	147	16	11	18

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	5	14	104	10	83	66	-	93	1783
1930	34	10	-	-	116	-	-	76	1417
1931	32	6	15	10	193	28	3	109	1120
1932	3	4	-	-	98	29	-	60	1597
1933	3	10	59	16	74	110	-	120	1982
1934	5	4	49	15	135	11	-	134	1557
1935	16	9	-	-	426	32	-	253	1615
1936	-	-	2	10	150	-	-	252	2032
1937	30	17	-	-	95	-	-	163	1434
1938	7	7	28	18	88	94	-	176	1299
10 Yr. Ave.	14	10	26	13	146	37	.3	144	1584

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots, for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	11147	12	351	488	394	8
1930	-	10479	15	438	959	415	63
1931	-	9451	1	372	1450	820	32
1932	-	9469	13	506	1422	842	60
1933	-	8983	2	507	1439	835	469
1934	-	10041	38	524	1446	817	673
1935	-	11328	63	531	103	550	493
1936	-	11441	7	546	90	155	232
1937	-	11514	65	540	5	207	487
1938	-	11685	52	569	133	149	325
10 Yr. Ave.	-	10554	27	488	754	518	284

10 Yr. Ave. Acres - Spring Wheat 1 \* Included in "All Tame Hay".  
 Popcorn 0 Flaxseed 0 Source: Iowa Department of Agriculture.  
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.



TABLE 16  
LAND UTILIZATION AND YIELDS

Vermillion Township

vermillion township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	156	14214	91	2052	26	1068	24	160	14	38	37
1930	143	13506	94	2002	21	968	29	210	19	9	19
1931	160	13662	85	2224	27	947	25	78	16	40	20
1932	167	13477	81	1967	38	825	35	90	8	-	-
1933	168	13861	82	1963	25	634	15	18	2	-	-
1934	160	13721	86	1532	7	-	-	-	-	-	-
1935	152	13611	90	1442	25	63	26	6	15	-	-
1936	145	13567	94	1753	7	770	16	-	-	-	-
1937	152	14022	92	1578	36	820	45	86	16	-	-
1938	156	14119	90	1461	34	1065	40	24	10	-	-
10 Yr. Ave.	156	13776	88	1797	28	716	29	67	15	8	27
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	32	12	-	-	81	144	-	120	2990		
1930	-	-	99	10	187	-	-	128	2329		
1931	27	15	-	-	766	-	-	125	2108		
1932	6	8	-	-	160	20	-	123	2810		
1933	10	1	192	9	531	64	-	126	2962		
1934	-	-	185	7	87	-	-	228	2859		
1935	56	7	-	-	922	6	-	273	2594		
1936	29	8	10	10	534	-	-	270	2573		
1937	174	10	16	5	754	-	-	220	2009		
1938	15	13	46	17	651	93	-	443	1943		
10 Yr. Ave.	35	10	55	9	473	33	-	206	2518		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	34	7156	6	519	-	58	20				
1930	25	7042	11	552	-	8	64				
1931	-	6872	9	589	-	-	-				
1932	-	6773	13	824	-	9	-				
1933	10	6882	-	632	-	17	10				
1934	35	8195	8	501	-	24	295				
1935	21	7245	18	620	-	179	445				
1936	54	6517	-	869	205	74	129				
1937	20	7409	2	821	-	12	321				
1938	-	7550	3	1115	50	10	183				
10 Yr. Ave.	20	7164	7	701	26	39	147				

10 Yr. Ave. Acres - Spring Wheat 0

\* Included in "All Tame Hay".

Popcorn 0 Flaxseed 5

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 17  
LAND UTILIZATION AND YIELDS

23

Walnut Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	138	19382	140	3139	28	1401	24	38	10	86	12
1930	129	19399	150	2996	20	1601	27	232	19	49	20
1931	128	19208	150	3039	21	1510	30	187	19	25	18
1932	131	19225	147	3195	33	1380	32	152	13	10	10
1933	132	19225	146	2797	30	1089	17	201	7	-	-
1934	129	19271	149	2075	9	68	4	26	8	-	-
1935	124	16682	134	1736	28	265	31	121	8	-	-
1936	134	17035	127	2121	9	1173	22	92	9	-	-
1937	124	17356	140	2167	38	1136	38	194	10	-	-
1938	130	17046	131	2125	37	1503	36	60	13	-	-
10 Yr. Ave.	130	18383	142	2539	30	1113	28	130	13	17	15

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	13	10	27	12	90	5	-	32	4008
1930	8	6	165	12	581	6	-	34	2680
1931	22	9	43	10	1269	23	-	60	2633
1932	-	-	28	25	631	-	-	68	2953
1933	-	-	223	17	661	162	-	104	3431
1934	-	-	289	7	358	10	-	117	3655
1935	3	17	80	12	1380	-	-	156	2511
1936	21	22	41	9	1096	10	-	187	2731
1937	92	15	51	18	1235	-	-	268	2040
1938	32	10	48	15	992	6	-	297	1504
10 Yr. Ave.	19	13	100	12	829	22	-	132	2815

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	70	9469	9	617	-	350	65
1930	168	9753	16	600	60	350	140
1931	125	9300	26	603	-	320	106
1932	47	9654	4	613	-	360	198
1933	180	9254	3	696	-	354	236
1934	239	10604	5	703	4	330	915
1935	95	8770	40	701	35	45	900
1936	396	8589	-	523	-	-	252
1937	142	9273	38	596	1	15	376
1938	120	9436	25	641	100	6	454
10 Yr. Ave.	158	9410	17	629	20	213	374

10 Yr. Ave. Acres - Spring Wheat 0

\* Included in "All Tame Hay".

Popcorn 0 Flaxseed 4

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 18  
LAND UTILIZATION AND YIELDS

Washington Township

WASHINGTON TOWNSHIP											
Year	No. Farms	Acreage in Farms	Ave. Farm size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	120	21789	182	3440	26	1831	22	84	14	.93	11
1930	127	20836	164	3519	21	1903	27	217	14	113	14
1931	132	21271	161	3699	29	2247	23	406	20	119	15
1932	123	21206	172	3918	32	2301	25	223	10	52	5
1933	134	21029	157	4034	20	1683	9	78	6	-	-
1934	124	21328	172	2802	7	-	-	-	-	-	-
1935	123	21040	171	2215	28	603	30	28	11	7	7
1936	119	21486	181	2850	6	2063	23	137	13	-	-
1937	111	21207	191	2627	34	1616	40	632	13	-	-
1938	111	21916	197	2806	34	2082	38	180	36	-	-
10 Yr. Ave.	122	21311	174	3191	26	1633	26	198	16	38	12
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres*	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	19	8	290	11	1243	126	-	42	3253		
1930	6	20	823	11	873	-	-	23	2745		
1931	17	13	227	15	1402	10	-	59	2428		
1932	34	7	145	17	567	20	-	35	3471		
1933	16	18	297	14	254	12	-	93	4093		
1934	29	10	508	7	1176	-	-	115	4986		
1935	79	14	549	13	2357	-	-	123	2845		
1936	164	8	118	7	1735	-	-	210	3474		
1937	258	19	52	13	1778	-	-	244	2355		
1938	198	16	156	18	1557	32	30	322	1952		
10 Yr. Ave.	82	14	316	12	1194	20	3	127	3160		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	-	10430	-	933	-	-	173				
1930	-	9685	5	764	-	183	-				
1931	-	9899	6	717	-	28	76				
1932	-	9311	11	805	-	130	238				
1933	-	9318	4	707	-	183	362				
1934	-	10508	38	596	65	34	1586				
1935	-	10277	10	578	30	152	1310				
1936	-	9814	-	768	9	47	307				
1937	-	10610	4	703	-	47	525				
1938	56	10220	196	938	71	400	1074				
10 Yr. Ave.	6	10007	27	751	18	120	565				

10 Yr. Ave. Acres - Spring Wheat 0 \* Included in "All Tame Hay".  
 Popcorn 0 Flaxseed 0 Source: Iowa Department of Agriculture.  
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.



TABLE 19  
LAND UTILIZATION AND YIELDS

25

Wells Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	127	22767	179	3557	25	1281	18	232	12	30	7
1930	140	22503	161	3758	18	1948	25	206	16	4	10
1931	181	23544	130	3236	32	1636	24	418	10	17	25
1932	170	23443	138	3319	31	1401	26	53	7	17	15
1933	165	23403	142	3288	20	1122	10	53	6	-	-
1934	148	22694	153	2907	6	14	6	20	3	-	-
1935	145	22604	156	1521	23	219	24	5	12	-	-
1936	166	23369	139	2542	6	970	17	102	12	-	-
1937	140	22764	163	2420	38	1188	38	161	14	-	-
1938	142	22696	160	2240	38	1348	38	24	13	-	-
10 Yr. Ave.	153	22979	151	2879	25	1113	25	127	12	7	14

  

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	32	10	42	10	116	-	-	19	4097
1930	20	9	17	4	118	5	-	13	3846
1931	-	-	-	-	254	15	-	23	3954
1932	5	8	-	-	25	-	-	23	3332
1933	8	8	18	7	60	-	-	22	4067
1934	-	-	230	6	239	11	-	37	3894
1935	60	17	11	12	939	24	-	63	2845
1936	23	10	8	10	250	7	-	93	3447
1937	65	16	-	-	554	30	-	110	1710
1938	55	10	-	-	620	-	-	169	1702
10 Yr. Ave.	27	13	33	6	318	9	-	57	3289

  

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	100	9712	-	284	68	2386	230
1930	200	10801	86	963	91	410	35
1931	100	11290	19	1072	100	1043	405
1932	501	11865	10	1113	-	1572	230
1933	356	11367	8	1081	87	1041	847
1934	326	11034	123	1068	498	847	1494
1935	380	12106	74	1049	650	1150	1595
1936	284	12188	35	1055	787	805	873
1937	160	13725	98	806	89	1208	580
1938	62	13376	61	934	449	1169	656
10 Yr. Ave.	247	11746	51	1002	282	1163	694

10 Yr. Ave. Acres - Spring Wheat 9

Popcorn .9 Flaxseed .6

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 20  
LAND UTILIZATION AND YIELDSTotal Incorporated Town Data - Centerville, Cincinnati, Exline, Moravia, Moulton,  
Mystic, Plano, Rathbun, Udell, Unionville

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		CATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	172	4800	28	1060	29	301	24	22	19	10	10
1930	183	5065	23	1047	25	381	31	66	17	-	-
1931	176	4828	27	1037	33	271	29	-	-	-	-
1932	182	5005	28	887	34	404	33	-	-	-	-
1933	209	5291	25	1088	28	326	15	23	13	-	-
1934	218	5660	26	550	26	20	16	21	16	-	-
1935	222	5239	24	452	26	81	28	46	12	-	-
1936	227	5340	24	674	16	171	24	3	10	-	-
1937	221	5308	24	590	35	276	58	25	23	-	-
1938	189	4769	25	628	34	234	36	33	17	-	-
10 Yr. Ave.	200	5130	26	801	30	246	31	24	16	11	10
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres		
1929	-	-	68	10	25	25	-	57	792		
1930	-	-	25	6	8	-	-	155	682		
1931	-	-	37	14	55	12	-	32	687		
1932	-	-	34	15	50	-	-	38	825		
1933	-	-	115	18	44	12	-	37	800		
1934	-	-	39	3	37	-	-	106	1146		
1935	-	-	30	10	84	-	-	53	973		
1936	-	-	20	10	68	-	-	72	984		
1937	-	-	-	-	91	-	-	164	659		
1938	-	-	7	12	46	12	20	86	683		
10 Yr. Ave.	-	-	38	12	51	6	2	80	824		
Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Tim- ber only	Waste- land	Idle Crop Land				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	-	2107	86	252	35	8	34				
1930	-	2173	92	240	129	109	113				
1931	-	2268	142	238	2	59	32				
1932	-	2363	108	253	43	27	11				
1933	1	2450	81	246	11	19	78				
1934	-	3238	101	333	-	76	99				
1935	-	2980	75	318	-	58	142				
1936	-	2798	66	381	2	5	168				
1937	-	3071	63	306	-	63	164				
1938	20	2690	56	307	-	16	29				
10 Yr. Ave.	2	2614	87	287	22	44	87				

10 Yr. Acres - Spring Wheat .3

\*Included in "All Tame Hay."

Popcorn .4 Flaxseed 0

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.



TABLE 21  
COUNTY LIVESTOCK NUMBERS  
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	18,486	6,355	7,613	772	-	49,117
1880	25,972	7,686	8,338	714	12,219	34,677
1890	41,562	10,146	13,477	502	7,401	26,391
1900	45,902	10,804	11,848	745	7,709	29,446
1910	34,534	9,881	11,968	1,147	12,712	20,670
1920	31,285	5,839	10,695	1,219	29,775	37,790
1925	30,559	9,443	8,517	1,380	23,772	35,243
1930	27,656	9,635	6,934	805	29,982	30,923
1935	27,511	11,422	5,957	514	32,571	15,976
1936	28,112	11,222	5,351	524	44,265	17,919
1937	27,857	10,855	5,220	507	43,607	11,308
1938	28,505	10,784	5,475	503	49,531	16,836
1939	29,255	10,930	5,431	538	50,851	22,540

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 22 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

\* Includes Milk Cows.

TABLE 22  
LIVESTOCK NUMBERS  
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Bellair	237	15	1164	859	629	121	18	763	649	39
Caldwell	374	32	1583	1130	841	344	29	1188	765	184
Chariton	225	31	925	1536	918	249	24	1022	1541	677
Douglas	210	14	962	1965	897	203	14	934	1951	403
Franklin	324	30	1741	1216	945	327	36	1680	1179	672
Independence	378	40	1594	1291	1426	359	50	1734	1303	692
Johns	376	31	1783	1232	1484	324	25	519	1245	744
Lincoln	325	30	1750	1200	925	283	8	1204	1081	326
Pleasant	344	16	1675	1358	744	303	12	1523	1365	521
Sharon	163	11	876	899	409	204	23	1031	680	390
Taylor	273	19	1224	2221	842	285	20	1048	2446	769
Udell	263	17	1341	1966	882	268	20	1288	1878	620
Union	218	14	1106	2101	520	225	10	1133	2321	283
Vermillion	194	12	1313	677	167	198	13	1222	683	250
Walnut	283	38	1738	1161	861	309	25	1616	1414	574
Washington	393	45	1586	3440	984	364	50	1402	4001	781
Wells	308	31	1410	4420	440	310	43	1429	3877	414
ALL TOWNS	77	4	302	84	36	79	2	391	155	89
COUNTY	4965	430	24073	28756	13950	4755	422	21085	28534	8428

  

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Bellair	217	19	1062	1161	308	231	19	1328	1434	902
Caldwell	345	30	1464	1337	871	353	40	1641	952	566
Chariton	241	23	845	1548	629	267	22	931	1769	1201
Douglas	214	19	958	1986	754	233	16	1025	2302	851
Franklin	320	29	1808	1482	836	363	31	1748	1786	1019
Independence	366	49	1794	1394	973	319	37	1498	1354	1122
Johns	334	35	1640	1776	1058	367	31	1905	1992	1858
Lincoln	266	9	1264	1395	451	278	11	1370	1210	883
Pleasant	369	10	1704	1851	657	322	12	1647	1863	891
Sharon	215	14	1101	900	480	230	17	1121	1118	1072
Taylor	317	33	1179	2871	1016	312	27	1144	2504	1536
Udell	275	37	1231	2182	791	278	34	1324	2522	1141
Union	233	13	1022	2870	453	223	25	1113	2902	735
Vermillion	262	19	1491	883	466	220	32	1864	787	970
Walnut	321	14	1559	1481	989	299	7	1501	1391	1120
Washington	356	52	1369	4096	964	366	74	1498	5247	1314
Wells	319	21	1465	4990	416	277	25	1481	5160	737
ALL TOWNS	63	1	306	207	130	74	-	322	263	27
COUNTY	5033	427	23262	34410	12242	5012	460	24461	36556	17945

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 21 for magnitude of the bias.

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 23  
CREAMERY STATISTICS  
1917-1939

Year	Number of Creameries In County	Butter Made	Butter Sold In Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1917	1	6	5	1
1918	*	*	*	*
1919	*	*	*	*
1920	1	71	67	4
1921	1	20	20	*
1922	2	31	25	3
1923	2	87	77	10
1924	2	233	144	74
1925	2	386	221	152
1926	1	598	347	245
1927	1	2132	251	10
1928	1	2268	2225	43
1929	2	2741	2339	395
1930	2	3132	270	2846
1931	2	3659	298	3375
1932	2	4082	281	3793
1933	2	3839	225	3614
1934	2	3434	553	2862
1935	2	3256	129	3127
1936	2	2142	199	1508
1937	2	2126	467	1656
1938	2	2450	199	2244
1939	*	*	*	*

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

\* Not given in source.

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 24  
CHICKENS AND EGGS  
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	70,471	421,025
1885	100,294	537,255
1890	243,780	823,976
1895	157,128	649,151
1900	183,446	927,220
1905	187,432	583,033
1910	274,662	941,685
1915	219,456	967,111
1920	248,610	1,240,970
1925	256,315	1,226,467
1930	221,136	1,548,620
1935	156,363	1,114,403

Source: U. S. Agricultural Census.  
Iowa Agricultural Census.



TABLE 25  
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2227	1825	1243	181	13	52	36	0	236	0
1932	2313	1719	1139	153	5	34	19	1	120	0
1934	2310	1699	101	49	0	0	8	8	363	5
1936	2294	1528	902	178	1	1	54	$\frac{1}{1}$	63	1
1938	2154	1680	1166	741	3	12	91	$\frac{1}{1}$	169	0
Average	2260	1690	910	148	4	20	42	3	190	1
Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	2	832	131	477	$\frac{1}{1}$	85	656	5	387	24
1932	2	655	110	620	99	140	695	15	609	22
1934	0	639	169	1118	174	232	698	8	1004	56
1936	3	1216	250	538	273	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	191	52
1938	42	1197	372	586	260	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	82	27
Average	10	908	206	668	202	152	683	9	455	36
Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	362	46	3	2113	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1029
1932	350	52	1	2152	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1081
1934	234	70	14	2214	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	742
1936	471	12	0	2205	1402	197	1608	709	990	657
1938	594	104	9	2115	1439	213	1762	765	1266	1033
Average	402	57	5	2160	1420	205	1685	737	1128	908
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	134	67	1390	547	251	68	95	237	134	24
1932	96	57	1297	335	181	35	108	348	132	118
1934	120	75	1355	347	201	85	159	511	817	218
1936	180	77	1278	710	408	73	110	400	538	105
1938	286	94	1456	1128	$\frac{1}{1}$	$\frac{1}{1}$	121	429	408	128
Average	163	74	1355	613	260	65	119	385	406	119

$\frac{1}{1}$  Not given in source.

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 26  
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,410	63.5	178,772	56.5	182	8.2	38,619	12.2
1930	1,460	63.5	172,282	54.7	191	8.3	41,633	13.2
1932	1,427	61.5	165,770	52.9	156	6.7	35,721	11.4
1934	1,282	55.3	144,802	46.1	219	9.4	45,616	14.5
1936	1,417	61.8	158,997	50.6	171	7.4	37,142	11.8
1938	1,121	52.2	140,395	44.9	234	10.9	49,287	15.8
1928 - 38 Average	1,353	59.7	160,170	51.0	192	8.5	41,336	13.1
Year								
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	627	28.3	98,864	31.3	2,219	100	316,255	100
1930	649	28.2	101,146	32.1	2,300	100	315,061	100
1932	737	31.8	111,895	35.7	2,320	100	313,386	100
1934	819	35.3	123,621	39.4	2,320	100	314,039	100
1936	706	30.8	118,051	37.6	2,294	100	314,190	100
1938	792	36.9	122,854	39.3	2,147	100	312,536	100
1928 - 38 Average	722	31.8	112,738	35.9	2,267	100	314,244	100

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 27  
YEARS OF TENURE  
January 1, 1935

Owners	Appanoose County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	61	6.0	4,442	5.2
1 year	35	3.5	3,198	3.8
2 years	57	5.6	3,282	3.8
3 years	39	3.8	2,857	3.4
4 years	40	4.0	3,228	3.8
5-9 years	103	10.2	11,726	13.8
10-14 years	134	13.2	11,279	13.2
15 years and over	545	53.7	45,076	53.0
TOTALS	1,014	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	318	34.2	21,763	20.1
1 year	144	15.5	15,053	13.9
2 years	98	10.5	11,555	10.7
3 years	63	6.8	8,285	7.7
4 years	57	6.1	7,564	7.0
5 years and over	250	26.9	43,826	40.6
TOTALS	930	10.0	108,046	100.0

Source: U. S. Agricultural Census.

TABLE 28  
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934		1936	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0-9	97	4.37	104	4.52	110	4.74	154	6.64	165	7.19
10-29	175	7.89	194	8.43	202	8.71	230	9.91	232	10.11
30-49	231	10.41	247	10.74	246	10.60	225	9.70	234	10.20
50-69	114	5.14	114	4.96	125	5.39	120	5.17	115	5.01
70-109	452	20.37	484	21.04	512	22.07	448	19.31	450	19.62
110-149	317	14.29	318	13.83	311	13.41	319	13.75	302	13.17
150-189	296	13.34	321	13.96	299	12.89	316	13.62	286	12.47
190-229	150	6.76	161	7.00	180	7.76	171	7.37	168	7.32
230-269	115	5.18	107	4.65	104	4.48	109	4.70	119	5.19
270-309	83	3.74	77	3.35	61	2.63	62	2.67	57	2.49
310-349	72	3.24	69	3.00	59	2.54	69	2.97	57	2.49
350-389	38	1.71	29	1.26	33	1.42	29	1.25	23	1.00
390-429	27	1.22	24	1.04	23	.99	16	.69	28	1.22
430-469	11	.50	12	.52	14	.61	14	.60	14	.61
470-509	8	.36	15	.65	12	.52	8	.35	9	.39
510-549	10	.45	5	.22	6	.26	5	.22	4	.17
550-589	2	.09	2	.09	4	.17	5	.22	4	.17
590-629	2	.09	2	.09	4	.17	5	.22	2	.09
630-669	2	.09	5	.22	4	.17	1	.04	6	.26
670-709	5	.22	3	.13	1	.04	1	.04	2	.09
710-over	12	.54	7	.30	10	.43	13	.56	17	.74
Total Farms	2219	100.00	2300	100.00	2320	100.00	2320	100.00	2294	100.00
									2147	100.00

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.



TABLE 29  
AUTOS, TRUCKS, TRACTORS AND RADIOS  
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	1,440	53	92	212
1927	1,533	79	116	419
1928	1,564	91	140	417
1929	1,447	56	127	438
1930	1,506	71	134	526
1931	1,507	63	138	550
1932	1,504	75	133	520
1933	1,351	55	118	332
1934	1,454	58	108	302
1935	1,420	98	127	347
1936	1,377	68	169	564
1937	1,372	81	182	735
1938	1,382	73	251	845
1939	1,534	102	294	1,142

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 30  
ACREAGE OWNED BY CORPORATIONS  
January 1, 1937

Township	Insurance Companies	Banks	Land & Mort- gage Companies	Federal Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Belfaire	200	220	-	-	240	160	820	5.16
Caldwell	451	705	-	160	305	80	1,701	7.26
Chariton	788	1,085	178	-	-	-	2,051	14.71
Douglas	835	440	-	-	400	-	1,675	12.13
Franklin	3,600	540	200	190	600	214	5,344	26.11
Independence	1,365	453	-	-	340	-	2,158	10.09
Johns	704	515	289	-	40	-	1,548	7.73
Lincoln	940	720	210	200	40	-	2,110	14.98
Pleasant	1,937	1,178	-	-	920	300	4,335	20.29
Sharon	1,310	80	-	80	40	-	1,510	11.49
Taylor	1,087	-	50	-	-	-	1,137	6.59
Udell	665	678	180	90	-	-	1,613	10.95
Union	700	542	40	380	140	180	1,982	14.43
Vermillion	180	240	-	-	-	40	460	2.58
Walnut	475	860	-	-	-	15	1,350	7.39
Washington	3,635	180	580	185	-	240	4,820	25.49
Wells	2,418	24	-	-	1,179	241	3,862	16.18
County Total	21,290	8,460	1,727	1,285	4,244	1,470	38,476	12.73

Source: Department of Economics & Sociology,  
Iowa State College.

TABLE 31  
ACREAGE OWNED BY CORPORATIONS  
January 1, 1939

Township	Insurance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Belfaire	200	220	-	-	240	210	870	5.47
Caldwell	275	645	185	225	80	669	2,079	8.87
Chariton	608	1,105	178	80	-	-	1,971	14.13
Douglas	760	560	-	-	400	-	1,720	12.46
Franklin	3,880	980	160	400	600	254	6,274	30.65
Independence	1,520	435	-	-	340	100	2,395	11.20
Johns	1,124	355	289	-	705	-	2,473	12.34
Lincoln	1,390	540	210	200	40	-	2,380	16.90
Pleasant	2,139	1,125	-	240	520	315	4,339	20.31
Sharon	1,310	480	-	500	100	130	2,520	19.17
Taylor	1,087	-	-	-	80	80	1,247	7.23
Udell	435	658	180	90	-	10	1,373	9.32
Union	700	622	40	540	140	190	2,232	16.24
Vermillion	180	500	-	120	-	20	820	4.60
Walnut	475	420	-	60	-	-	955	5.23
Washington	3,550	160	280	225	220	240	4,675	24.72
Wells	2,578	24	80	75	80	339	3,176	13.30
County Total	22,211	8,829	1,602	2,755	3,545	2,557	41,499	13.73

Source: Department of Economics & Sociology,  
Iowa State College.

TABLE 32  
VALUE OF FARM LAND AND BUILDINGS  
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	2,161	294,686	\$ -	-	\$ 4,914,375	\$ 16.68	\$ 2,274
1890	2,149	288,799	-	-	6,300,500	21.82	2,932
1900	2,526	325,147	8,111,620	1,653,450	9,765,070	30.03	3,866
1910	2,312	307,571	15,241,419	2,753,708	17,995,127	58.21	7,783
1920	2,283	309,041	33,299,227	4,608,580	37,907,807	122.66	16,604
1925	2,216	300,875	20,614,991	4,571,965	25,186,956	83.71	11,366
1930	2,128	302,159	14,115,423	4,783,708	18,899,131	62.55	8,881
1935	2,304	319,861	-	-	9,265,128	28.97	4,021

\* Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 33  
REAL PROPERTY AND MONEYS AND CREDITS TAXES  
COLLECTIBLE IN 1939, FOR ALL PURPOSES  
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 9,058.97	\$20,032.13	\$29,091.10
Soldiers' Bonus Tax	2,448.36	3,680.15	6,128.51
General County Tax	13,588.46	30,048.18	43,636.64
Court Expense Tax	3,111.75	6,881.04	9,992.79
Poor Tax	6,794.23	15,024.12	21,818.35
Insane Tax, State Hospital	5,294.98	11,708.79	17,003.77
Insane Tax, County Hospital	566.19	1,251.95	1,818.14
County School Tax	1,399.61	3,094.96	4,494.57
Soldiers' Relief Tax	1,132.37	2,504.03	3,636.40
General County Bond Tax	6,368.44	14,082.54	20,450.98
Court House Tax	-	-	-
Emergency Tax	4,520.36	9,995.99	14,516.35
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	5,063.51	17,468.02	22,536.53
Secondary Roads - Maintenance	5,661.86	32,535.75	38,197.61
District School Tax	167,077.63	109,134.29	276,211.97
City Tax	60,399.69	-	60,399.69
Miscellaneous Taxes	-	2,033.38	2,033.38
Total	292,491.46	279,475.32	571,966.78*

\*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,  
State Board of Assessment and Review.



TABLE 34  
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	3	1	5
2. One-room rural elementary	105	109	102
3. Two-room (or more) rural elementary	2	2	1
4. Elementary, not rural	18	13	19
5. Separately organized Jr. High	-	1	1
6. Jr.-Sr. High, one organization	-	-	-
7. Separately organized Sr. High	-	-	-
8. Regular High, 4 years or less	11	12	12
9. Junior College	-	1	1
Total Number of Schools	139	139	141

TABLE 35  
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	188	127	156
2. One-room rural elementary	1,836	1,812	1,458
3. Two-room (or more) rural elementary	97	95	31
4. Elementary, not rural	3,181	2,732	2,404
5. *Jr.-Sr. High, one organization	-	292	314
6. Regular High, 4 years or less	1,250	1,516	1,505
7. Junior College	-	50	64
8. Ungraded classes	-	20	22
Total Enrollment in all Schools	6,552	6,644	5,954

\* Includes enrollment for School Types 5, 6 and 7 in Table 34.

Source: Annual Reports of County Superintendents to  
State Department of Public Instruction.

TABLE 36  
MILES OF ROADS BY TYPE  
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved		-	564.25	564.25
Improved	-	3.0	22.25	25.25
Surfaced				
Soil Surfaced	-	110.35	-	110.35
Shale	-	7.0	18.0	25.0
Gravel	23.0	-	-	23.0
Stone	-	17.75	-	17.75
Paved				
Bituminous	7.2	-	-	7.2
Concrete	36.6	-	-	36.6
Brick	-	-	-	-
County Total	66.8	138.10	604.50	809.40

Source: Annual Report, 1938,  
Iowa Highway Commission.

